



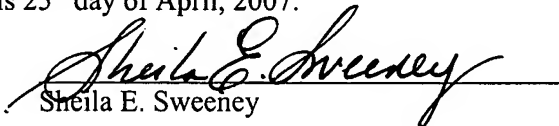
PATENT
Attorney Docket No. PXE-001C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Boyd et al. CONFIRMATION NO.: 6535
SERIAL NO.: 10/764,328 GROUP NO.: 1637
FILING DATE: January 23, 2004 EXAMINER: Wilder, Cynthia B.
TITLE: Methods and Compositions for Diagnosing and Treating
Pseudoxanthoma Elasticum and Related Conditions

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 25th day of April, 2007.

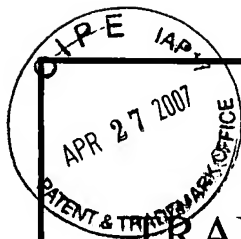

Sheila E. Sweeney

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 pg.);
2. Fee Transmittal (1 pg.);
3. Amendment and Response (20 pgs.); and
4. Return receipt postcard (1 pg.).



TRANSMITTAL FORM

Application Serial Number	10/764,328
Filing Date	January 23, 2004
First Named Inventor	Boyd
Group Art Unit	1637
Examiner Name	Wilder, Cynthia B.
Attorney Docket No.	PXE-001C1
Confirmation No.	6535

ENCLOSURES (check all that apply)

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form

<input checked="" type="checkbox"/> Amendment/Response (20 pgs.)
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson
including Drawings
[Total Sheets ____]

<input type="checkbox"/> Petition for Extension of Time

<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Form PTO-1449
<input type="checkbox"/> Copies of IDS Citations

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application

<input type="checkbox"/> Formal Drawing(s)

<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal

<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application

<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> CD(s) for large table or computer program

<input type="checkbox"/> Amendment After Allowance

<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences

<input type="checkbox"/> Appeal Brief (in triplicate)

<input type="checkbox"/> Status Inquiry

<input checked="" type="checkbox"/> Return Receipt Postcard

<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8

<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8

<input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|---|---|---|

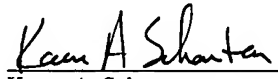
CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Kirkpatrick & Lockhart Preston
Gates Ellis LLP
State Street Financial Center
One Lincoln Street
Boston, MA 02111-2950
Tel. No.: (617) 261-3100
Fax No.: (617) 261-3175

SIGNATURE BLOCK

Date: April 25, 2007
Reg. No. 58,343
Tel. No.: (617) 261-3216
Fax No.: (617) 261-3175

Respectfully submitted,


Karen A. Schouten
Attorney for the Applicant(s)
Kirkpatrick & Lockhart Preston
Gates Ellis LLP
State Street Financial Center
One Lincoln Street
Boston, MA 02111-2950



FEE TRANSMITTAL FY 2007

Complete if Known	
Application Serial Number	10/764,328
Filing Date	January 23, 2004
First Named Inventor	Boyd
Group Art Unit	1637
Examiner Name	Wilder, Cynthia B.
Attorney Docket No.	PXE-001C1
Confirmation No.	6535

METHOD OF PAYMENT

1. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 50-1721.
☐ Required Fees (copy of this sheet enclosed).
☒ Additional fee required under 37 CFR 1.16 and 1.17.
☒ Overpayment Credit.
3. ☐ Applicant claims small entity status.

FEE CALCULATION

1. FILING/SEARCH/EXAM/SIZE FEES

Large Entity

Fee (\$)	Fee Description	Fee Paid
300	Utility filing fee	
500	Utility search fee	
200	Utility exam fee	
250	Utility size fee (each add'l 50 pgs. over 100)	
200	Design filing fee	
100	Design search fee	
130	Design exam fee	
250	Design size fee (each add'l 50 pgs. over 100)	

	Number Filed	Number Extra	Rate	Amount
Total Claims	- 20 =		x \$ 50.00 =	

Independent Claims	- 3 =		x \$200.00 =	
--------------------	-------	--	--------------	--

☐ Multiple Dependent Claim(s), if any \$360.00 =
TOTAL:

SMALL ENTITY DISCOUNT:

SUBTOTAL (1) (\$) 0.00

2. AMENDMENT CLAIM FEES

	Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	38	- 45 =	0	x \$ 50.00 =	0.00
Indep.	7	- 8 =	0	x \$200.00 =	0.00

☐ First Presentation of Multiple Dep. Claim + \$360.00 =

TOTAL: (\$)

SMALL ENTITY DISCOUNT: (\$)

SUBTOTAL (2) (\$) 0.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	Request for ex parte reexamination	
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	
1020	510	Extension for reply within third month	
1590	795	Extension for reply within fourth month	
2160	1080	Extension for reply within fifth month	
500	250	Notice of Appeal	
500	250	Filing a brief in support of an appeal	
1000	500	Request for oral hearing	
400	400	Petitions to the Commissioner (Gp. I)	
200	200	Petitions to the Commissioner (Gp. II)	
130	130	Petitions to the Commissioner (Gp. III)	
180	180	Submission of Information Disclosure Statement	
790	395	Filing a submission after final rejection (37 CFR 1.129(a))	
790	395	For each additional invention to be examined (37 CFR 1.129(b))	
100	100	Certificate of Correction for applicant's error	
130	65	Submission of Terminal Disclaimer	
Other fee (Specify)			
Other fee (Specify)			

SUBTOTAL (3) (\$) 0.00

SUBTOTAL (1) (\$)

SUBTOTAL (2) (\$)

SUBTOTAL (3) (\$)

TOTAL (\$) 0.00

CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator
Kirkpatrick & Lockhart Preston
Gates Ellis LLP
State Street Financial Center
One Lincoln Street
Boston, MA 02111-2950
Tel. No.: (617) 261-3100
Fax No.: (617) 261-3175

SIGNATURE BLOCK

Date: April 25, 2007
Reg. No.: 58,343
Tel. No.: (617) 261-3216
Fax No.: (617) 261-3175

Respectfully submitted,

Karen A. Schouten
Karen A. Schouten
Attorney for the Applicant(s)
Kirkpatrick & Lockhart Preston
Gates Ellis LLP
State Street Financial Center
One Lincoln Street
Boston, MA 02111-2950



PATENT
Attorney Docket No. PXE-001C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Boyd et al. CONFIRMATION NO.: 6535
SERIAL NO.: 10/764,328 GROUP NO.: 1637
FILING DATE: January 23, 2004 EXAMINER: Wilder, Cynthia B.
TITLE: Methods and Compositions for Diagnosing and Treating Pseudoxanthoma
Elasticum and Related Conditions

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Sir:

This paper is responsive to the non-final Office action mailed from the U.S. Patent and Trademark Office on January 29, 2007. Applicants believe that no extension of time or fee is due for this Amendment and Response to be entered and considered. However, please consider this a conditional petition for the proper extension, if one is required, and a conditional authorization to charge any related extension fees or other fees necessary for entry of this paper to Deposit Account No. 50-1721.

Amendments to the Specification begin on page 2 of this paper;

Amendments to the Claims begin on page 7 of this paper; and

Remarks begin on page 13 of this paper.